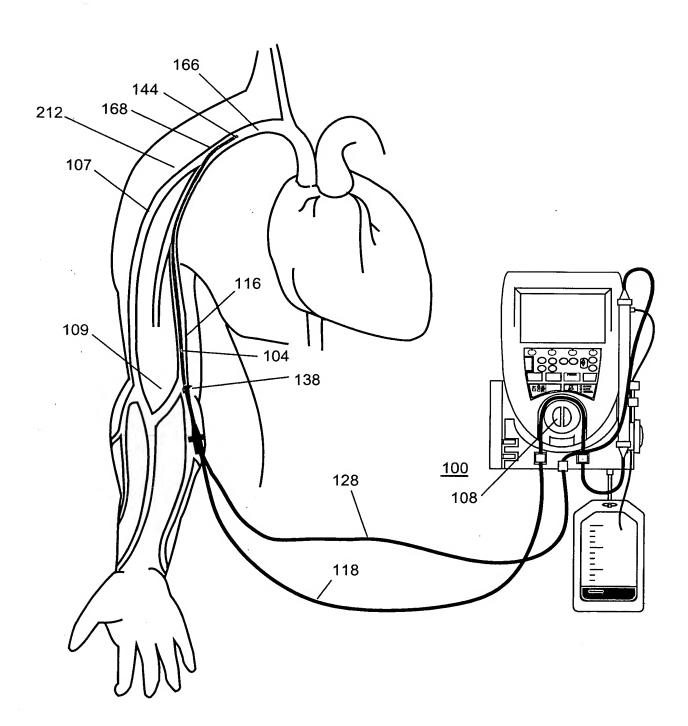
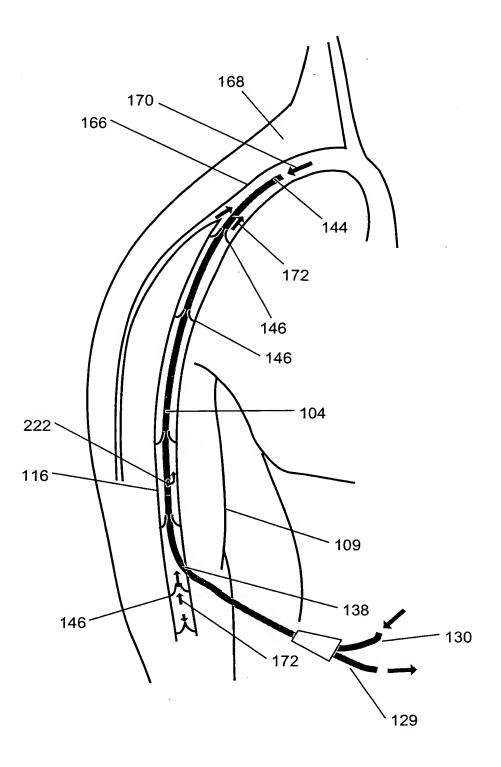


Inventor: O'Mahony et al SN 10/724,620/Sheet 2 of 17 Atty. Dkt.: 3659-74

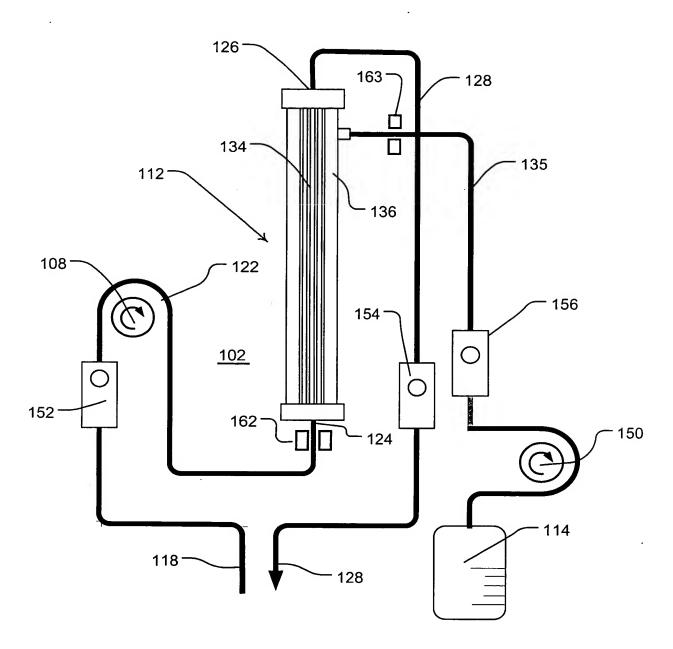


Inventor: O'Mahony et al SN 10/724,620/Sheet 3 of 17 Atty. Dkt.: 3659-74

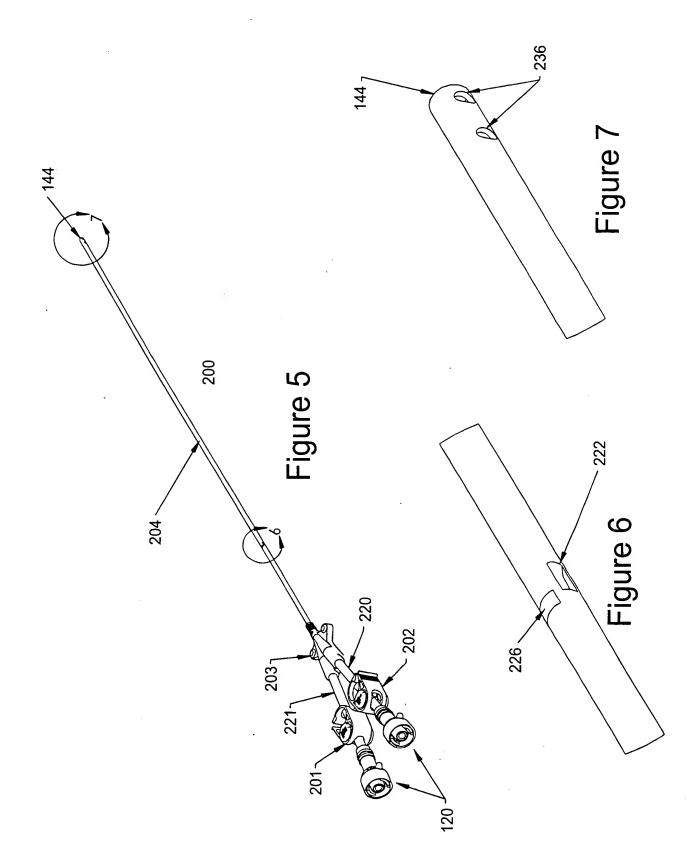


Inventor: O'Mahony et al SN 10/724,620/Sheet 4 of 17 Atty. Dkt.: 3659-74

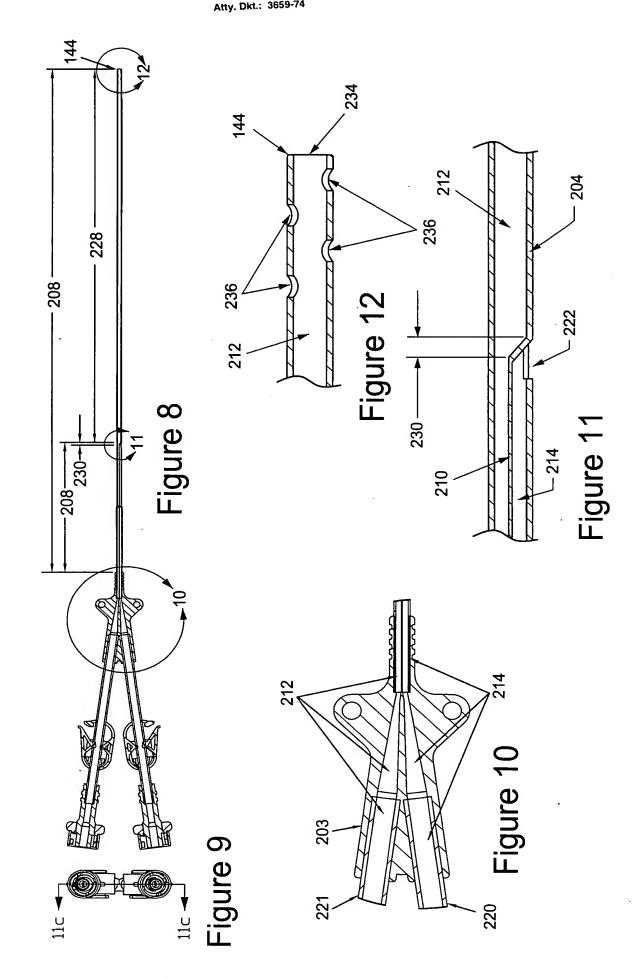
Figure 4



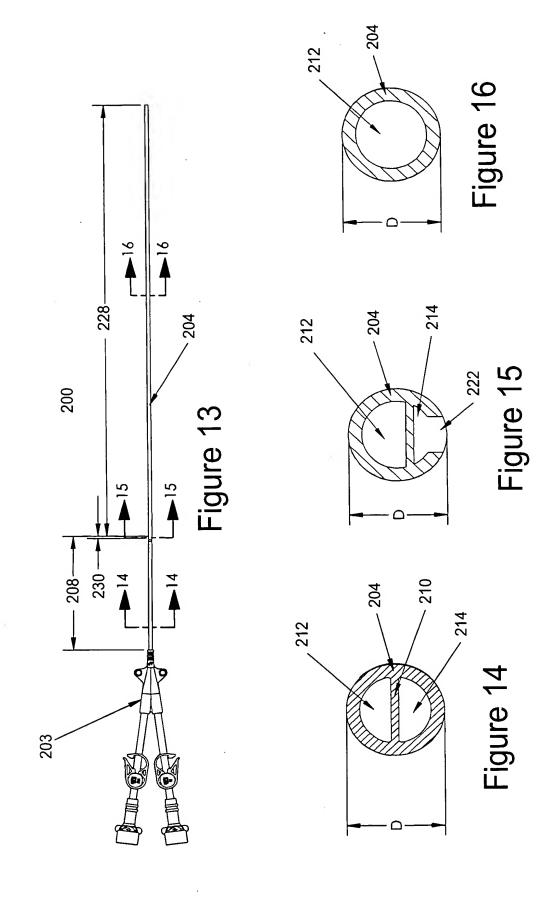
Inventor: O'Mahony et al SN 10/724,620/Sheet 5 of 17 Atty. Dkt.: 3659-74



Inventor: O'Mahony et al SN 10/724,620/Sheet 6 of 17 Atty. Dkt.: 3659-74

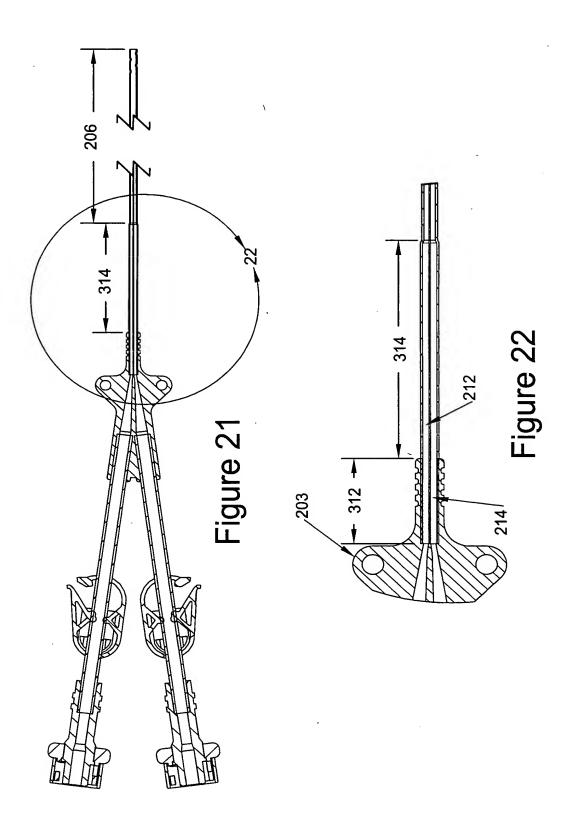


Inventor: O'Mahony et al SN 10/724,620/Sheet 7 of 17 Atty. Dkt.: 3659-74



Inventor: O'Mahony et al SN 10/724,620/Sheet 8 of 17 Atty. Dkt.: 3659-74 Figure 19 222 Figure 20 232 204 Figure 17 Figure 18 212 222

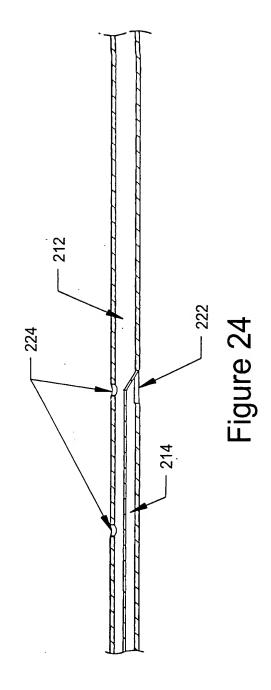
Inventor: O'Mahony et al SN 10/724,620/Sheet 9 of 17 Atty. Dkt.: 3659-74



Inventor: O'Mahony et al SN 10/724,620/Sheet 10 of 17 Atty. Dkt.: 3659-74 262 214

Figure 23 , 212 204 \

Inventor: O'Mahony et al SN 10/724,620/Sheet 11 of 17 Atty. Dkt.: 3659-74



Inventor: O'Mahony et al SN 10/724,620/Sheet 12 of 17 Atty. Dkt.: 3659-74

Figure 25

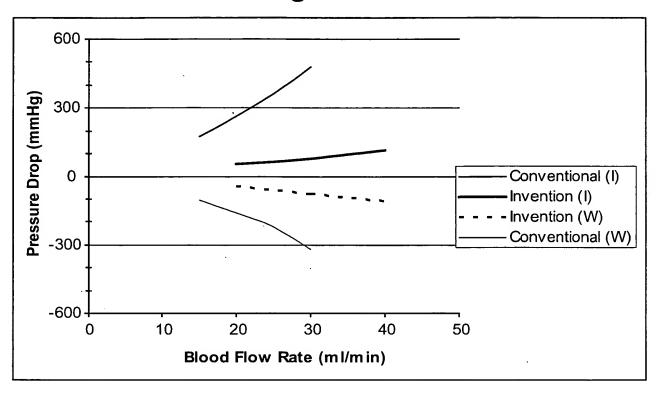
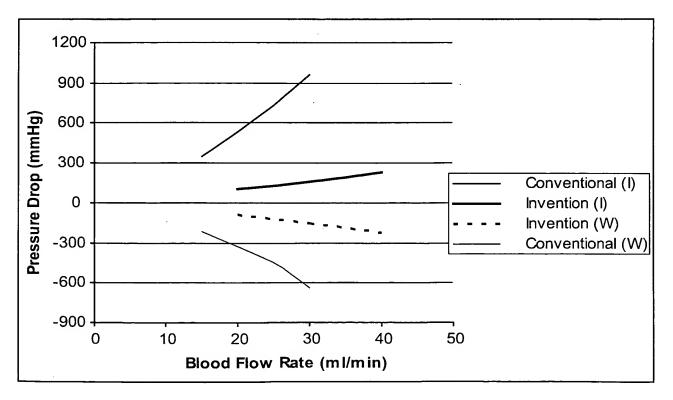
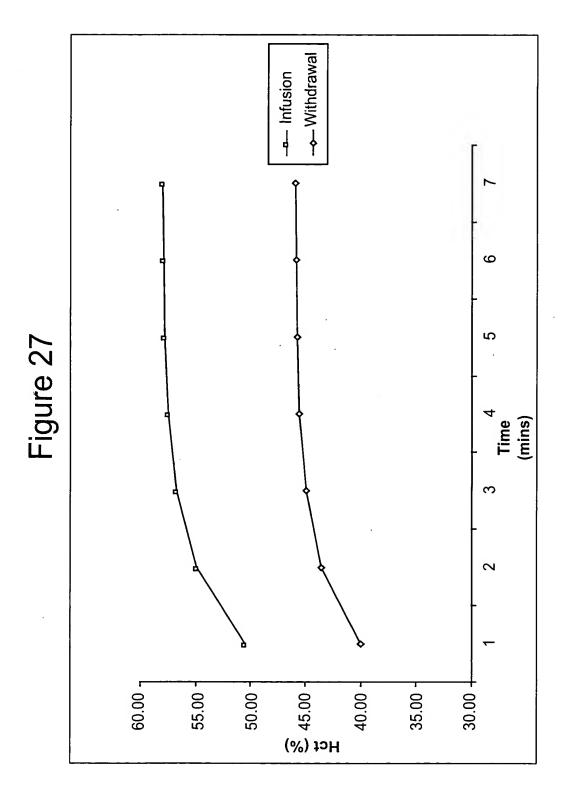


Figure 26



Inventor: O'Mahony et al SN 10/724,620/Sheet 13 of 17 Atty. Dkt.: 3659-74



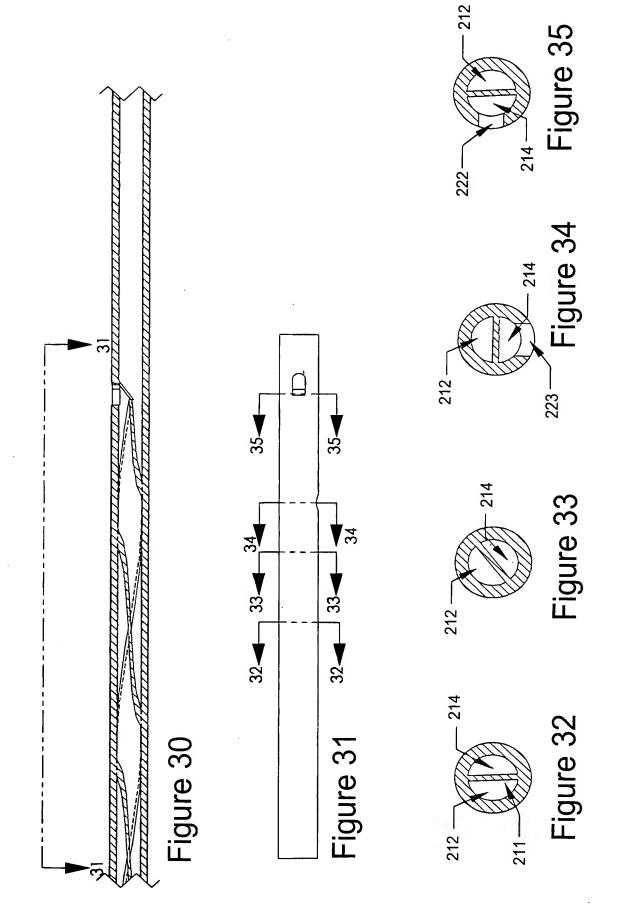
Inventor: O'Mahony et al SN 10/724,620/Sheet 14 of 17 Atty. Dkt.: 3659-74

| At Qb=40ml/m, Quf=100 ml/hr | |
|-----------------------------|----------|
| Recirculation | % Hct |
| % | Increase |
| 5 | 0.1 |
| 10 | 0.5 |
| 20 | 1.1 |
| 30 | 1.9 |
| 40 | 3 |

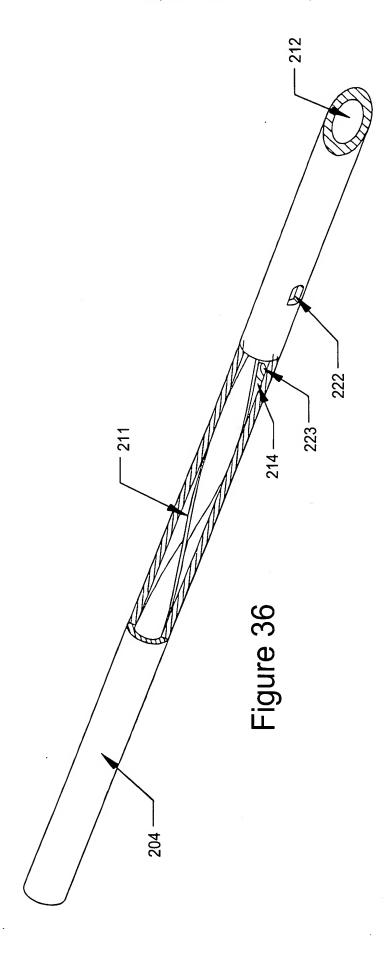
Figure 29

| At Qb=40ml/m, Quf=500 ml/hr | |
|-----------------------------|-------------------|
| Recirculation % | % Hct Increase |
| 5 | 1 |
| 10 | 3 |
| 20 | 7 |
| 30 | 13 |
| 40 | 21 |

Inventor: O'Mahony et al SN 10/724,620/Sheet 15 of 17 Atty. Dkt.: 3659-74



Inventor: O'Mahony et al SN 10/724,620/Sheet 16 of 17 Atty. Dkt.: 3659-74



Inventor: O'Mahony et al SN 10/724,620/Sheet 17 of 17 Atty. Dkt.: 3659-74

